

CHAPTER 1

INTRODUCTION

1.1 Introduction

Art Expo stands as a beacon of innovation in the realm of art curation and appreciation. In a world increasingly driven by digital solutions, this platform offers a transformative approach to managing and experiencing art within gallery settings. By amalgamating cutting-edge technologies with the timeless essence of artistic expression, the system endeavors to redefine the traditional gallery experience for artists, administrators, and enthusiasts alike.

Art galleries serve as vital conduits for artists to share their creativity, administrators to curate exhibitions, and enthusiasts to immerse themselves in the beauty of artistic expression. However, the management and navigation of diverse artworks, exhibitions, and artist portfolios often pose significant challenges. This website emerges as a comprehensive solution, providing a centralized platform where all aspects of gallery operations seamlessly converge, facilitating efficient management and exploration of artistic endeavors.

Through its intuitive interface and robust features, the system empowers gallery administrators to effortlessly upload, categorize, and manage artworks, as well as curate engaging exhibitions. Meanwhile, artists find a platform to showcase their talent through personalized profiles, connecting with potential buyers and gaining exposure within the art community. Enthusiasts benefit from advanced search and filter functionalities, enabling them to discover artworks aligned with their preferences and interests. With its responsive design and user-friendly interface, the Art Expo aims to democratize access to art, fostering a vibrant and inclusive art ecosystem where creativity flourishes and appreciation knows no bounds.

1.2 Problem Statement

The existing landscape of art galleries is fraught with inefficiencies stemming from disjointed artwork management, fragmented artist exposure, and limited accessibility. These challenges impede the seamless operation and widespread appreciation of art within gallery settings, affecting artists, administrators, and enthusiasts alike. To address these issues, there is a pressing need for a comprehensive solution that leverages technology to centralize artwork management, streamline exhibition curation, and enhance artist-audience interactions. By bridging the gap between traditional art practices and modern digital tools, such a solution has the potential to revolutionize the gallery experience, fostering a dynamic and inclusive art ecosystem where creativity flourishes and appreciation thrives.

1.3 Objectives

The objectives of an Art Expo typically revolve around efficiently managing the operations of the gallery while enhancing the visitor experience and promoting the artworks showcased. Some of the most common objectives are Efficient Cataloguing, Inventory Management, Sales and Transactions, Collections Preservation, Security and Access Control, Marketing and Promotion, Accessibility and Inclusivity, Compliance and Legal Obligations, Feedback and Evaluation.

1. Efficient Cataloguing: To maintain a comprehensive database of artworks, including detailed information such as artist name, title, medium, dimensions, provenance, and exhibition history.
2. Inventory Management: To track the movement, location, and status of artworks within the gallery, including loans, purchases, sales, and conservation activities.
3. Sales and Transactions: To facilitate sales transactions, including online purchases, invoicing, payments, and shipping logistics.
4. Collections Preservation: To ensure the preservation and conservation of artworks through proper handling, storage, climate control, and maintenance protocols.
5. Security and Access Control: To implement security measures to protect artworks from theft, vandalism, and damage, including surveillance, alarm systems, and restricted access areas.
6. Marketing and Promotion: To promote the gallery and its exhibitions through various channels, including advertising, social media, press releases, and partnerships.
7. Accessibility and Inclusivity: To make the gallery accessible to a diverse audience, including individuals with disabilities, through facilities, programs, and accommodations.
8. Compliance and Legal Obligations: To comply with relevant laws, regulations, and ethical guidelines governing art galleries, including copyright, provenance, and cultural heritage.

9. **Feedback and Evaluation:** To gather feedback from visitors, artists, and stakeholders to continuously improve gallery operations, exhibitions, and services.

1.4 Limitations

While an Art Gallery Management System implemented with HTML, CSS, JavaScript, PHP, and Bootstrap offers numerous advantages, it also comes with certain limitations. Here are some of the key limitations to consider:

1. Scalability Issues:

- Traditional LAMP (Linux, Apache, MySQL, PHP) stack, which includes PHP, may face scalability challenges as the application grows.
- Handling a large volume of concurrent users or high traffic can strain server resources and affect performance.

2. Security Concerns:

- PHP-based systems may be susceptible to common security vulnerabilities such as SQL injection, XSS (Cross-Site Scripting), and CSRF (Cross-Site Request Forgery).
- Ensuring robust security measures, such as input validation, data sanitization, and secure authentication mechanisms, is crucial but can be complex to implement effectively.

3. Limited Real-time Functionality:

- While JavaScript enables some level of interactivity and dynamic updates, real-time features such as live chat, collaborative editing, or notifications may be challenging to implement efficiently.
- Implementing real-time functionality often requires additional technologies such as WebSockets or serverless architecture, which may not be fully supported in PHP-based systems.

4. Complexity of Frontend Development:

- Developing complex frontend features and user interfaces solely with HTML, CSS, JavaScript, and Bootstrap can be challenging and time-consuming.
- As the application grows in complexity, maintaining a clean, modular codebase and ensuring consistent UI/UX across different screens and devices becomes increasingly difficult.

5. Limited Performance Optimization:

- While PHP is a widely used server-side scripting language, it may not offer the same level of performance optimization as newer alternatives like Node.js or Go.

- Implementing performance optimizations such as caching, lazy loading, or asynchronous processing may require additional effort and expertise.

6. Dependency on Server-Side Rendering:

- PHP-based systems typically rely on server-side rendering for generating HTML content, which can lead to slower initial page loads and reduced responsiveness compared to client-side rendering frameworks like React.js or Angular.
- Implementing techniques like server-side caching or pre-rendering can mitigate this limitation but may add complexity to the development process.

7. Browser Compatibility Issues:

- Ensuring cross-browser compatibility and consistent rendering across different web browsers (e.g., Chrome, Firefox, Safari, Internet Explorer) can be challenging, especially for complex frontend layouts and CSS styling.
- Testing and debugging compatibility issues across multiple browsers and versions require additional time and resources.

8. Limited Mobile Optimization:

- While Bootstrap provides responsive design capabilities out of the box, ensuring optimal performance and user experience on mobile devices may require additional optimization efforts.
- Implementing mobile-specific features or native app integration may be limited in a web-based PHP application compared to native mobile app development.

Despite these limitations, an Art Gallery Management System implemented with HTML, CSS, JavaScript, PHP, and Bootstrap can still be a viable solution for managing artworks, exhibitions, and gallery operations, especially for smaller-scale projects or organizations with limited resources. However, it's essential to carefully consider these limitations and weigh them against the specific requirements and constraints of your project.

CHAPTER 2

METHODOLOGY

When implementing an Art Expo using web technology, we follow a structured methodology to ensure that the deployment process is successful. Therefore the main steps that have been taken while implementing art expo are:

1.Requirement analysis:

- Engage with stakeholders including gallery owners, managers, curators, and visitors to understand their needs and expectations.
- Conduct interviews, surveys, and workshops to gather requirements.
- Document functional and non-functional requirements, prioritizing features based on importance and feasibility.
- Define user personas and use cases to guide system design and development.

2.Planning and Design:

- Develop a project plan outlining tasks, milestones, timelines, and resource allocation.
- Create wireframes and prototypes to visualize the user interface and interactions.
- Design the system architecture, including the frontend (UI/UX), backend (server-side logic), and database structure.
- Identify potential risks and mitigation strategies, such as technical challenges, resource constraints, or scope changes.

3.Technology selection:

- Evaluate different web technologies and frameworks based on project requirements, scalability, security, and maintainability.
- Choose frontend technologies such as HTML, CSS, JavaScript and frontend frameworks.
- Select backend technologies and frameworks based on factors like performance, scalability, and developer expertise.
- Consider additional tools for development, testing, deployment, and monitoring.

4.Development:

- Set up development environments and version control systems (e.g., Git).

- Implement the frontend user interface according to the design specifications, ensuring responsiveness and accessibility.
- Develop backend functionality, including database integration, business logic, API development, and authentication/authorization mechanisms.
- Write clean, modular, and maintainable code following coding best practices and coding standards.
- Conduct code reviews to ensure code quality and consistency.

5. Testing:

- Evaluate different web technologies and frameworks based on project requirements, scalability, security, and maintainability.
- Choose frontend technologies such as HTML, CSS, JavaScript and frontend frameworks.
- Select backend technologies and frameworks based on factors like performance, scalability, and developer expertise.
- Consider additional tools for development, testing, deployment, and monitoring.

6. Deployment:

- Prepare the system for deployment to the production environment, including server setup, configuration, and optimization.
- Set up deployment pipelines for automated deployment using tools like Jenkins, Travis CI, or GitHub Actions.
- Deploy the application to the production environment, following deployment best practices and ensuring minimal downtime.
- Monitor system performance and stability during and after deployment, and address any issues promptly.

7. Documentation:

- Create comprehensive documentation, including user manuals, technical specifications, troubleshooting guides, and FAQs.
- Make documentation accessible and searchable for easy reference by users and administrators.

8. Maintenance and Support:

- Establish a maintenance plan for ongoing updates, bug fixes, and enhancements, including regular software updates and security patches.

- Provide technical support to address any issues or questions from users, through channels like email, chat support, or a ticketing system.
- Monitor system performance, security, and usage metrics, and proactively address any issues or bottlenecks.
- Continuously improve the system based on user feedback and evolving requirements, through regular iterations and updates.

9.Feedback:

- Gather feedback from users and stakeholders on the system's usability, functionality, and performance through surveys, feedback forms, and user analytics.
- Analyze feedback to identify areas for improvement and prioritize enhancements based on impact and feasibility.
- Incorporate feedback into future iterations of the system, using agile methodologies like Scrum or Kanban to iteratively deliver value to users.

CHAPTER 3

DESIGN

3.1 Requirements

As we prepare to develop the Art Expo, there are numerous requirements you must consider to ensure the software meets the expectations of the gallery, employees, artists, and other people who interact with the facility. The following are the required artworks:

1. Cataloguing and Inventory Management:

- Cataloguing functionality enabling the user to input artist name, title, medium, dimensions, creation date, and other information types on the system during artwork registration.
- The user should track inventory, including the current location, status, and movement history of each artwork in the gallery.
- Search and filter options to enable the user to easily locate artworks by searching the artist's name, artwork title, and any other filter the user may choose.

2. Exhibition management:

- Support for planning, scheduling, and coordinating exhibitions, which may include selecting specific artworks, arranging the layout and display style, and setting up lighting configurations.
- Ability to track and maintain exhibition schedules, such as opening and closing dates or any events or programs that may be associated with an exhibition.
- Ability to develop and host virtual or online exhibitions to be remotely accessed and engaged.

3. Sales and transactions:

- Commerce capabilities to facilitate the online sale of artworks, including browsing, selection, final purchasing, and payment processing.
- Integration with payment gateways to enable secure and compliant online transactions through multiple payment methods, including credit card and PayPal.

- Invoicing and order management to track sales, facilitate the creation and processing of invoices, and manage shipping logistics.

4. Visitor Engagement:

- Interactive features to engage visitors, such as digital guides, audio tours, virtual reality experiences, and interactive exhibits.
- Educational resources and content to provide background information about artworks, artists, and art history.
- Support for events, workshops, and educational programs to enhance the visitor experience and promote engagement.

5. Collections Preservation:

- Features to ensure the preservation and conservation of artworks, including proper handling, storage, climate control, and maintenance protocols.
- Tracking and monitoring mechanisms to assess the condition and conservation status of artworks over time.
- Integration with conservation management systems for recording conservation treatments and interventions.

6. Security and Access Control:

- Role-based access control (RBAC) to manage user permissions and restrict access to sensitive functionalities and data.
- Security measures such as encryption, secure authentication, and audit trails to protect artworks and sensitive information from unauthorized access or manipulation.
- Surveillance systems and alarm monitoring to enhance physical security and deter theft or vandalism.

7. Financial Management:

- Budgeting and expense tracking functionalities for managing gallery operations, exhibitions, and acquisitions.
- Revenue tracking and reporting features for monitoring sales, donations, grants, and other sources of income.
- Integration with accounting systems for financial reporting, invoicing, and tax compliance.

8. Marketing and Promotion:

- Marketing tools and capabilities to promote the gallery and its exhibitions through various channels, including social media, email campaigns, press releases, and partnerships.
- Analytics and tracking features to measure the effectiveness of marketing efforts and visitor engagement.
- Integration with customer relationship management (CRM) systems for managing contacts, leads, and outreach activities.

9. Accessibility and Inclusivity:

- Accessibility features to ensure the gallery is accessible to individuals with disabilities, including wheelchair accessibility, assistive technologies, and alternative formats for content.
- Inclusive programming and accommodations to cater to diverse audiences and promote cultural diversity and inclusion.

10. Compliance and Legal Obligations:

- Compliance with relevant laws, regulations, and ethical guidelines governing art galleries, including copyright, provenance, cultural heritage, and privacy.
- Documentation and provenance tracking to verify the authenticity and legal ownership of artworks and ensure compliance with legal requirements.

11. Feedback and Evaluation:

- Mechanisms for gathering feedback from visitors, artists, and stakeholders to assess the effectiveness of gallery operations, exhibitions, and services.
- Analytics and reporting capabilities to analyze visitor demographics, preferences, and behaviors, and inform decision-making and strategy.

By addressing these requirements, you can ensure that the Art Expo meets the operational needs of the gallery while enhancing the visitor experience and promoting the appreciation of art.

3.2 System Design

Designing an Art Expo involves creating a comprehensive plan for the architecture, components, and interactions of the system. Below is a high-level system design for an Art Expo :

1. System Architecture:

- The system will be designed as a web-based application, accessible through web browsers on desktop and mobile devices.
- It will follow a client-server architecture, with a frontend interface for users and a backend server for data processing and business logic.
- The backend will consist of server-side application logic, a database for storing artwork and gallery information, and APIs for communication with the frontend.

2. Frontend Design:

- The frontend interface will be designed to provide a user-friendly experience for gallery staff, artists, and visitors.
- It will include responsive web design to ensure compatibility with various devices and screen sizes.
- Key components of the frontend interface will include:
 - Dashboard: Provides an overview of gallery activities, upcoming exhibitions, and recent sales.
 - Artwork Catalog: Allows users to browse and search the gallery's collection of artworks, with filtering and sorting options.

- Exhibition Management: Enables gallery staff to create, schedule, and manage exhibitions, including artwork selection and display arrangements.
- Sales and Transactions: Facilitates online sales transactions, order management, and invoicing for purchased artworks.
- Visitor Engagement: Provides interactive features such as virtual tours, educational content, and event registration.

3. Backend Design:

- The backend will be developed using a modern web framework such as Django (Python) or Express.js (Node.js).
- It will include modules for handling authentication, authorization, data processing, and API endpoints.
- Key backend components will include:
 - Authentication and Authorization: Manages user authentication and authorization, enforcing role-based access control (RBAC) for different user roles (e.g., admin, staff, visitor).
 - Artwork Management: Handles CRUD (Create, Read, Update, Delete) operations for artworks, including cataloging, inventory management, and provenance tracking.
 - Exhibition Management: Implements functionalities for creating, editing, and scheduling exhibitions, managing artwork selections, and coordinating display setups.
 - Sales and Transactions: Integrates with payment gateways for processing online sales transactions, generating invoices, and managing orders.
 - Analytics and Reporting: Collects data on gallery activities, visitor engagement, and sales performance, and provides insights through reports and dashboards.

4. Database Design:

- The system will use a relational database management system (RDBMS) such as PostgreSQL or MySQL for data storage.
- The database schema will include tables for storing information about artworks, artists, exhibitions, sales transactions, users, and system settings.
- Relationships between entities will be defined using foreign keys to ensure data integrity and consistency.

5. Integration and External Services:

- The system may integrate with external services for additional functionalities, such as:
 - Payment Gateways: Integrates with payment processing services (e.g., Stripe, PayPal) for handling online transactions securely.
 - CRM Systems: Integrates with customer relationship management systems for managing contacts, leads, and marketing campaigns.
 - Content Management Systems (CMS): Integrates with CMS platforms for managing website content, blogs, and promotional materials.

6. Security and Compliance:

- The system will implement security best practices to protect sensitive data, including encryption for data transmission and storage, secure authentication mechanisms (e.g., OAuth, JWT), and input validation to prevent injection attacks.
- Compliance with relevant regulations such as GDPR (General Data Protection Regulation) and PCI DSS (Payment Card Industry Data Security Standard) will be ensured to protect user privacy and secure financial transactions.

7. Scalability and Performance:

- The system will be designed to handle scalability and performance requirements, with scalability achieved through horizontal scaling (e.g., load balancing, auto-scaling) and performance optimizations such as caching, database indexing, and query optimization.

8. Monitoring and Maintenance:

- Monitoring tools and logging mechanisms will be implemented to track system performance, detect errors, and monitor security threats.
- Regular maintenance tasks such as database backups, software updates, and security patches will be performed to ensure system reliability and security.

This system design provides a structured approach to implementing an Art Expo , ensuring scalability, performance, security, and compliance with industry standards and best practices.

3.3 Technologies Used

In an Art Expo, various technologies are employed to build different components, from the frontend user interface to the backend server logic and database management. Here's a breakdown of the technologies commonly used in each layer:

1. Frontend Technologies:

- HTML (Hypertext Markup Language): For structuring the content of web pages.
- CSS (Cascading Style Sheets): For styling the visual presentation of web pages.
- JavaScript: For adding interactivity and dynamic behavior to web pages.
- Frameworks/Libraries:
 - React.js, Angular, Vue.js**: Popular frontend frameworks for building interactive user interfaces.
 - Bootstrap, Materialize CSS, Semantic UI**: CSS frameworks for responsive web design and UI components.
 - jQuery: JavaScript library for simplifying DOM manipulation and event handling.

2. Backend Technologies:

- Programming Languages:

- Python: Often used with frameworks like Django or Flask for backend development.
- JavaScript (Node.js): Used with frameworks like Express.js for server-side scripting.
- Ruby, PHP, Java: Alternative languages for backend development.

- Web Frameworks:

- Django: A high-level Python web framework known for its simplicity and robustness.
- Express.js, Nest.js, Hapi.js: Node.js frameworks for building scalable and efficient server applications.
- Ruby on Rails: A Ruby-based web framework known for its convention over configuration approach.
- Spring Boot (Java): Java framework for building enterprise-grade applications.

3. Monitoring and Logging:

- Monitoring Tools: Platforms like Prometheus, Grafana, or Datadog for monitoring application performance, server metrics, and resource utilization.
- Logging Libraries: Framework-specific logging libraries (e.g., Winston for Node.js) for capturing and analyzing application logs.

By leveraging these technologies, an Art Expo can be developed with features for cataloguing artworks, managing exhibitions, handling sales transactions, engaging visitors, and ensuring the security and integrity of the gallery's operations.

CHAPTER 4

IMPLEMENTATION

Implementation of Art Expo using HTML, CSS, JavaScript, PHP, and Bootstrap involves designing the frontend user interface, implementing the backend logic, and integrating the two to create a functional system. Here are the steps that are followed during implementation process:

1. Setup Development Environment:

- Install a local web server environment such as XAMPP, WAMP, or MAMP to run PHP scripts locally.
- Set up a code editor like Visual Studio Code, Sublime Text, or Atom for writing HTML, CSS, JavaScript, and PHP code.
- Create a project directory structure to organize your files and assets.

2. Design the User Interface (UI):

- Use HTML to structure the layout of the web pages, including headers, footers, navigation menus, and content sections.
- Style the UI using CSS to define the visual appearance, layout, and formatting of elements.
- Utilize Bootstrap to speed up the development process and ensure responsiveness across different devices.

3. Implement Frontend Functionality with JavaScript:

- Write JavaScript code to add interactivity and dynamic behaviour to the UI.
- Implement client-side validation for form inputs to ensure data integrity.
- Use AJAX to make asynchronous requests to the server for retrieving or updating data without refreshing the entire page.

4. Create Backend Logic with PHP:

- Develop PHP scripts to handle server-side logic, data processing, and database interactions.
- Use PHP frameworks like Laravel, CodeIgniter, or Symfony for structured application development, or build custom scripts as needed.
- Connect to the database using PHP's MySQLi or PDO extension to perform CRUD operations (Create, Read, Update, Delete) on database records.

5. Database Design and Implementation:

- Design the database schema to store information about artworks, artists, exhibitions, sales transactions, users, and system settings.

- Create the necessary database tables, indexes, and relationships using SQL statements.

- Implement database queries and transactions in PHP scripts to retrieve, insert, update, and delete data from the database.

6. Integration and Data Exchange:

- Integrate the frontend and backend components by linking HTML pages to PHP scripts and passing data between them.

- Implement user authentication and authorization mechanisms using PHP sessions, cookies, or JWT tokens to secure access to protected resources.

- Handle form submissions, file uploads, and data validation on the server side to prevent security vulnerabilities and ensure data integrity.

7. Testing and Debugging:

- Test the system's functionality, usability, and performance across different browsers and devices.

- Use browser developer tools and debugging techniques to identify and fix errors in the code.

- Perform unit tests, integration tests, and end-to-end tests to ensure the system works as expected.

8. Deployment and Maintenance:

- Deploy the Art Gallery Management System to a web hosting server or cloud platform, ensuring proper configuration and security measures.

- Monitor the system's performance, security, and availability, and apply updates and patches as needed.

- Provide ongoing maintenance and support to address user feedback, fix bugs, and implement new features and enhancements.

By following these steps, you can successfully implement an Art Expo using HTML, CSS, JavaScript, PHP, and Bootstrap, providing a comprehensive solution for managing artworks, exhibitions, sales transactions, and gallery operations.

CHAPTER 5

PROPOSED SYSTEM ARCHITECTURE

When building the frontend of an arts management system using only CSS and JavaScript, start by crafting a structured HTML layout representing various components like navigation bars and forms. Utilize CSS to style elements for a visually appealing design, ensuring responsiveness across devices. Enhance user interactivity through JavaScript, implementing functionalities such as form validation and dynamic content loading. Consider data handling mechanisms for fetching and manipulating data asynchronously, while focusing on accessibility and performance optimizations. Test across browsers and devices to ensure compatibility, delivering a seamless user experience.

5.1 Flow Chart

CHAPTER-6

CODING ANALYSIS AND RESULTS

6.1 Code

i. Home Page

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
    <title>Photo Slideshow</title>
    <style>
        .slideshow-container {
            position: relative;
            max-width: 100%;
            margin: auto;
        }
        h3 {
            text-align: left;
        }
        .password-toggle {
            position: relative;
        }
        .popup-overlay {
            display: none;
            position: fixed;
        }
    </style>

```

```
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
background-color: rgba(0, 0, 0, 0.5);  
z-index: 999;  
}
```

```
.feed {  
font-size: 25px;  
padding: 20px;  
margin: 50px auto;  
width: 30%;  
border-radius: 10px;  
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
background-color: #fefefe;  
z-index: 1000;  
}
```

```
.popup-overlay1 {  
display: none;  
position: fixed;  
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
background-color: rgba(0, 0, 0, 0.5);  
z-index: 999;  
}
```

```
.feed1 {  
font-size: 25px;  
padding: 20px;
```

```
margin: 50px auto;  
width: 30%;  
border-radius: 10px;  
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
background-color: #fefefe;  
z-index: 1000;  
}  
  
.popup-content1 {  
    text-align: center;  
}  
  
.close1 {  
    position: absolute;  
    top: 10px;  
    right: 20px;  
    font-size: 20px;  
    cursor: pointer;  
    color: #f8f0f0;  
}  
  
.popup-content {  
    text-align: center;  
}  
  
.slide {  
    display: none;  
}  
  
img {  
    width: 100%;  
    height: auto;  
}  
body {
```

```
margin: 0;  
padding: 0;  
font-family: Arial, sans-serif;  
}
```

```
header {  
background-color: #333;  
padding: 10px 0;  
}
```

```
nav ul {  
list-style-type: none;  
margin: 0;  
padding: 0;  
}
```

```
nav ul li {  
display: inline;  
}
```

```
nav ul li a {  
color: #fff;  
text-decoration: none;  
padding: 0 10px;  
}
```

```
nav {  
{  
text-align: right;  
}
```

```
#gallery-image {
```

```
width: 100%;  
height: auto;  
}  
  
.prev, .next {  
    position: absolute;  
    top: 50%;  
    transform: translateY(-50%);  
    padding: 16px;  
    background-color: black;  
    color: white;  
    font-weight: bold;  
    font-size: 20px;  
    border: none;  
    cursor: pointer;  
}  
  
.prev {  
    left: 0;  
}  
  
.next {  
    right: 0;  
}  
.close {  
    position: absolute;  
    top: 10px;  
    right: 20px;  
    font-size: 20px;  
    cursor: pointer;  
    color: #faf4f4;  
}
```

```

</style>
</head>
<body>
  <header>
    <nav>
      <ul>
        <li><a href="Homepage.html">Home</a></li>
        <li> <span id="openLoginPopupLink1" style="cursor: pointer; color: #fefefe;">Sign Up</span></li>
        <li> <span id="openLoginPopupLink" style="cursor: pointer; color: #fefefe;">Login</span></li>
        <li><a href="projectwork.html">Artists</a></li>
        <li><a href="index.html">Arts</a></li>
        <li><a href="cart.html">Cart</a></li>
        <li><a href="contact.html">Contact</a></li>
      </ul>
    </nav>
  </header>
  <div class="popup-overlay" id="popupOverlay">
    <div class="feed">
      <div class="popup-content">
        <input type="button" value="Art Expo" style="text-align: center; width: 150px; height: 50px; padding: 10px 20px; font-size: 16px; margin-right: 300px;">
        <h3>Log in to collect art by the world's leading artists</h3>
        <form id="loginForm1">
          <span class="close" id="closePopup">X</span>
          <p style="text-align: left;">E-mail:</p><input type="email" id="fname" name="fname" placeholder="Enter your mail" required style="width: 350px; height: 50px; padding: 10px 20px; font-size: 16px;"><br>
          <p style="text-align: left;">Password:</p><input type="password" id="passwordField" placeholder="Enter your password"
        
```

```

    required style="width: 350px; height: 50px; padding: 10px 20px;
font-size: 16px;"><br>
<br><input type="submit" value="Submit"
style="text-align: center; width: 150px; height: 50px; padding: 10px 20px;
font-size: 16px;">>
</form>
</div>
</div>
</div>
<div class="popup-overlay1" id="popupOverlay1">
<div class="feed1">
<span class="close1" id="closePopup1">×</span>
<input type="button" value="Art Expo" style="text-align: center; width: 150px; height:
50px; padding: 10px 20px; font-size: 16px;">
<h3>Sign Up to collect art by the world's leading artists</h3>
<form id="loginForm">
  Full Name: <br><input type="text" id="fname" name="fname" placeholder="Enter your
Name" required style="width: 350px; height: 40px; padding: 10px 20px; font-size: 16px;">
<br>
  E-mail: <br><input type="email" id="fname" name="fname" placeholder="Enter your
mail" required style="width: 350px; height: 40px; padding: 10px 20px; font-size: 16px;">
<br>
  Password: <br> <input type="password" id="passwordField" placeholder="Enter your
password" required style="width: 350px; height: 40px; padding: 10px 20px; font-size: 16px;">
<br>
  <input type="submit" value="Submit" style="text-align: center; width: 150px; height:
50px; padding: 10px 20px; font-size: 16px;">
</form>
</div>
</div>
<div class="slideshow-container">
```

```

<div class="slide fade">

</div>
<div class="slide fade">
    
</div>
<div class="slide fade">
    
</div>
<button class="prev" onclick="changeSlide(-1)"></button>
<button class="next" onclick="changeSlide(1)"></button>
</div>

<script>let slideIndex = 0;
showSlides();

function showSlides() {
    let slides = document.getElementsByClassName("slide");
    for (let i = 0; i < slides.length; i++) {
        slides[i].style.display = "none";
    }
    slideIndex++;
    if (slideIndex > slides.length) {
        slideIndex = 1
    }
    slides[slideIndex - 1].style.display = "block";
    setTimeout(showSlides, 5000); // Change image every 2 seconds
}

function changeSlide(n) {

```

```
showSlides(slideIndex += n);

}

const openLoginPopupLink = document.getElementById('openLoginPopupLink');

const closePopup = document.getElementById('closePopup');

const popupOverlay = document.getElementById('popupOverlay');

openLoginPopupLink.addEventListener('click', function () {

    popupOverlay.style.display = 'block';

});

closePopup.addEventListener('click', function () {

    popupOverlay.style.display = 'none';

});

const openLoginPopupLink1 = document.getElementById('openLoginPopupLink1');

const closePopup1 = document.getElementById('closePopup1');

const popupOverlay1 = document.getElementById('popupOverlay1');

const loginForm = document.getElementById('loginForm');

const loginForm1 = document.getElementById('loginForm1');

openLoginPopupLink1.addEventListener('click', function () {

    popupOverlay1.style.display = 'block';

});

closePopup1.addEventListener('click', function () {

    popupOverlay1.style.display = 'none';

});

loginForm.addEventListener('submit', function (event) {

    event.preventDefault() // Prevent form submission

    // Display a message

    alert('Welcome to our website Art Expo!!');

    // Close the popup

});
```

```

    popupOverlay.style.display = 'none';
});

loginForm1.addEventListener('submit', function (event) {
    event.preventDefault() // Prevent form submission

    // Display a message
    alert('Login successful!');

    // Close the popup
    popupOverlay1.style.display = 'none';
});

</script>
</body>
</html>

```

ii . Signup Page

```

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
    <title> login details</title>
    <style>
        h3 {
            text-align: left;
        }
        .password-toggle {
            position: relative;
        }
        #togglePassword {
            position: absolute;
            right: 1px;
        }
    </style>

```

```

    top: 92%;
    left: 64%;
    bottom: 80%;
    transform: translateY(-50%);
    cursor: pointer;
}

.feed
{
    font-size: 25px;
    padding: 20px ;
    margin: 50px auto;
    width: 50%;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    height: 650px;
    width:400px;
    margin-left:40%;
    margin-bottom: 10%;
}

</style>
</head>
<body>
<div class="feed">
    <input type="button" value="Art Expo" style="text-align: center; width: 150px; height: 50px; padding: 10px 20px; font-size: 16px;">
    <h3>Sign Up to collect art by the world's leading artists</h3>
    <form action="">
        FullName: <br> <br><input type="Text" id="fname" name="fname" placeholder="Enter your name" style=" width: 350px; height: 50px; padding: 10px 20px; font-size: 16px;">
        <br>
        <br>
        E-mail: <br> <br><input type="email" id="fname" name="fname" placeholder="Enter your mail" style=" width: 350px; height: 50px; padding: 10px 20px; font-size: 16px;"> <br>

```

```

<br>
    Password: <br> <br><input type="password" id="passwordField"placeholder="Enter
your password"style=" width: 350px;height: 50px; padding: 10px 20px; font-size: 16px; ">
<br>   <br>

    <input type="submit" value="submit"style="text-align: center; width: 150px;height:
50px; padding: 10px 20px; font-size: 16px; ">

</form>
</div>
<script>

const togglePassword = document.querySelector('#togglePassword');

const passwordField = document.querySelector('#passwordField');

togglePassword.addEventListener('click', function() {

    const type = passwordField.getAttribute('type') === 'password' ? 'text' : 'password';
    passwordField.setAttribute('type', type);

    // Change eye icon

    this.classList.toggle('fa-eye');

    this.classList.toggle('fa-eye-slash');

});

</script>
</body>
</html>

```

iii . Login Page

```

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.4/css/all.min.css">
    <title>
        login details</title>
    <style>

```

```
h3 {  
    text-align: left;  
  
}  
.password-toggle {  
    position: relative;  
}  
  
#togglePassword {  
    position: absolute;  
    right: 1px;  
    top: 74%;  
    left: 63%;  
    bottom: 20%;  
    transform: translateY(-50%);  
    cursor: pointer;  
}  
  
.feed  
{  
    font-size: 25px;  
    padding: 20px ;  
    margin: 50px auto;  
    width: 50%;  
    border-radius: 10px;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
    height: 500px;  
    width: 400px;  
    margin-left: 40%;  
    margin-bottom: 10%;  
}
```

```

</style>

</head>

<body>

<div class="feed">
    <input type="button" value="Art Expo" style="text-align: center; width: 150px; height: 50px; padding: 10px 20px; font-size: 16px;">
    <h3>Log in to collect art by the world's leading artists</h3>
    <form action="">
        E-mail: <br> <br><input type="email" id="fname" name="fname" placeholder="Enter your mail" style="width: 350px; height: 50px; padding: 10px 20px; font-size: 16px;"> <br>
        <br>
        Password: <br> <br><input type="password" id="passwordField" placeholder="Enter your password" style="width: 350px; height: 50px; padding: 10px 20px; font-size: 16px;">
        <br>
        <i id="togglePassword" class="fas fa-eye"></i>
        <br>
        <input type="submit" value="submit" style="text-align: center; width: 150px; height: 50px; padding: 10px 20px; font-size: 16px;">
    </form>
</div>
<script>
    const togglePassword = document.querySelector('#togglePassword');
    const passwordField = document.querySelector('#passwordField');

    togglePassword.addEventListener('click', function() {
        const type = passwordField.getAttribute('type') === 'password' ? 'text' : 'password';
        passwordField.setAttribute('type', type);
    })
</script>

```

```
// Change eye icon
this.classList.toggle('fa-eye');
this.classList.toggle('fa-eye-slash');
});

</script>
</body>
</html>
```

iv.Artworks Page

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Document</title>
<link rel="stylesheet" href=". ecommerce.css" />
<link
  href="https://unpkg.com/ionicons@4.5.10-0/dist/css/ionicons.min.css"
  rel="stylesheet"
/>
<style>
body
{
  background-image: url('logo_cleanup.png');
}
.kk {
background-color: #333;
padding: 10px 0;
height: 3%;
background-image: url('logo_cleanup.png');
```

```
}
```

```
.ll .mm {
```

```
list-style-type: none;
```

```
margin: 0;
```

```
padding: 0;
```

```
}
```

```
.ll .mm li {
```

```
display: inline;
```

```
}
```

```
.ok
```

```
{
```

```
padding-left: 3%;
```

```
}
```

```
.ll .mm li a {
```

```
color: #0c0b0b;
```

```
text-decoration: none;
```

```
padding: 0 10px;
```

```
}
```

```
.ll
```

```
{
```

```
text-align: right;
```

```
size: 3%;
```

```
}
```

```
.hh
```

```
{
```

```
margin-bottom: 20%;
```

```
}
```

```

</style>
</head>
<body>
<header class="kk">
<nav class="ll">
<ul class="mm">

<li><a href="Homepage.html">Home</a></li>

<li><a href="projectwork.html">Artists</a></li>
<li><a href="index.html">Arts</a></li>
<li><a href="cart.html">Cart</a></li>
<li><a href="contact.html">Contact</a></li>
</ul>
</nav>
</header>
<section>
<div class="section">

<div class="section2">
<div class="container">
<div class="items">
<div class="img img1">
<div>

</div>
</div>
<div class="name">Untitled</div>

```

```

<div class="price">$500</div>
<div class="info">Art by Elaine de Kooing</div>
<nav>
  <a href="product_untitled(elaine_de_kooing).html" style="padding-left: 10px;">More details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Untitled(Elaine de Kooing)" data-price="500">Add to Cart</button></div>

</div>

<div class="items">
  <div class="img img2">
    
  />
</div>
  <div class="name">LA 1984</div>
  <div class="price">$600.34</div>
  <div class="info">Art by Billy Al Bengston</div>
  <nav>
    <a href="product_la_1984.html" style="padding-left: 10px;">More details</a>
  </nav>
  <br>
  <div class="ok"><button class="add-to-cart" data-name="LA 1984" data-price="600.34">Add to Cart</button></div>

</div>
<div class="items">

```

```

<div class="img img3">
    
</div>

<div class="name">Work</div>
<div class="price">$900</div>
<div class="info">Art by Atsuka Tanaka</div>
<nav>
    <a href="product_work.html" style="padding-left: 10px;">More
details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Work" data-
price="900">Add to Cart</button></div>

</div>
<div class="items">
    <div class="img img1">
        
    </div>
    <div class="name">Atale of 1000 GO 1000 Pictures</div>
    <div class="price">$945.1</div>
    <div class="info">Art by Sadaharu Hoiro</div>
    <nav>
        <a href="product_atale_of_1000_go_1000_pictures.html"
style="padding-left: 10px;">More details</a>
    </nav>
    <br>

```

```

<div class="ok"><button class="add-to-cart" data-name="Atale of 1000 GO
1000 Pictures" data-price="945.1">Add to Cart</button></div>

</div>
<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">Contemplar al Otro en Tarde Rosa</div>
  <div class="price">$200</div>
  <div class="info">Art by Tomas Sanchez</div>
  <nav>
    <a href="product_contemplar_al_otro_en_tarde_rosa.html"
style="padding-left: 10px;">More details</a>
  </nav>
  <br>
  <div class="ok"><button class="add-to-cart" data-name="Contemplar al
Otro en Tarde Rosa" data-price="200">Add to Cart</button></div>

</div>
<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">Untitled</div>
  <div class="price">$180</div>
  <div class="info">
    Art by Zao Wou-Ki
  </div>

```

```

<nav>
    <a href="product_unitled(zao_wou-ki).html" style="padding-left: 10px;">More details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Untitled(Zao Wou-Ki)" data-price="180">Add to Cart</button></div>

</div>
<div class="items">
    <div class="img img1">
        
    </div>
    <div class="name">F4A1.2</div>
    <div class="price">$645.7</div>
    <div class="info">Art By Richard Tinkler</div>
    <nav>
        <a href="product_f4a1.2.html" style="padding-left: 10px;">More details</a>
    </nav>
    <br>
    <div class="ok"><button class="add-to-cart" data-name="F4A1.2" data-price="645.7">Add to Cart</button></div>

    </div>
    <div class="items">
        <div class="img img1">
            
        </div>
    </div>

```

```

<div class="name">The Fire Next Time</div>
<div class="price">$100</div>
<div class="info">
    Art By Zak Ove
</div>
<nav>
    <a href="product_the_next_time.html" style="padding-left: 10px;">More details</a>
</nav>
<br>
    <div class="ok"><button class="add-to-cart" data-name="The Fire Next Time" data-price="100">Add to Cart</button></div>

</div>
<div class="items">
    <div class="img img1">
        
    </div>
    <div class="name">Pal in the Park</div>
    <div class="price">$900.9</div>
    <div class="info">
        Art By Felix Treadwell
    </div>
    <nav>
        <a href="product_pal_in_the_park.html" style="padding-left: 10px;">More details</a>
    </nav>
    <br>
        <div class="ok"><button class="add-to-cart" data-name="Pal in the Park" data-price="900.9">Add to Cart</button></div>

```

```

</div>
<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">Untitled</div>
  <div class="price">$99</div>
  <div class="info">
    Art by Julia Rommel
  </div>
  <nav>
    <a href="product_julia_rommel.html" style="padding-left: 10px;">More
    details</a>
  </nav>
  <br>
  <div class="ok"><button class="add-to-cart" data-name="Julia Rommel"
    data-price="99">Add to Cart</button></div>
</div>
<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">'Gaagal'- Ocean</div>
  <div class="price">$350</div>
  <div class="info">
    Otis Hope Carey
  </div>
  <nav>

```

```

<a href="product_gaagal'-_ocean.html" style="padding-left: 10px;">More details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Gaagal'- Ocean" data-price="350">Add to Cart</button></div>

</div>
<div class="items">
<div class="img img1">

</div>
<div class="name">Mirrored Atmosphere</div>
<div class="price">$290.7</div>
<div class="info">
    Art By Emily Kiacz
</div>
<nav>
<a href="product_mirrored_atmosphere.html" style="padding-left: 10px;">More details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Mirrored Atmosphere" data-price="290.7">Add to Cart</button></div>

</div>
<div class="items">
<div class="img img1">


```

```

</div>
<div class="name">Mango</div>
<div class="price">$100</div>
<div class="info">
    Art By Alexander Kroll
</div>
<nav>
    <a href="product_mango.html" style="padding-left: 10px;">More
details</a>
</nav>
<br>
<div class="ok"><button class="add-to-cart" data-name="Mango" data-
price="100">Add to Cart</button></div>

</div>
<div class="items">
    <div class="img img1">
        
    </div>
    <div class="name">Three Graces</div>
    <div class="price">$78</div>
    <div class="info">
        Art By Diane Novetsky
    </div>
    <nav>
        <a href="product_three_graces.html" style="padding-left: 10px;">More
details</a>
    </nav>
    <br>
    <div class="ok"><button class="add-to-cart" data-name="Three Graces" data-
price="78">Add to Cart</button></div>

```

```

</div>

<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">Diver Feet First</div>
  <div class="price">$900</div>
  <div class="info">
    Art by Katherine Bradford
  </div>
  <nav>
    <a href="product_diver_feet_first.html" style="padding-left: 10px;">More details</a>
  </nav> <br>
  <div class="ok"><button class="add-to-cart" data-name="Diver Feet First" data-price="900">Add to Cart</button></div>
</div>

<div class="items">
  <div class="img img1">
    
  </div>
  <div class="name">Han</div>
  <div class="price">$362.5</div>
  <div class="info">
    Art by Kazuo Shriaga
  </div>
  <nav>

```

```

<a href="product_han.html" style="padding-left: 10px;">More
details</a>

</nav> <br>

<div class="ok"><button class="add-to-cart" data-name="Han" data-
price="362.5">Add to Cart</button></div>

</div>

<div class="items">

<div class="img img1">

</div>

<div class="name">109 + F - Sketch</div>
<div class="price">$254.6</div>
<div class="info">
    Art by Friedel Dzubas
</div>
<nav>
<a href="product_109+_f_-_sketch.html" style="padding-left:
10px;">More details</a>
</nav> <br>

<div class="ok"><button class="add-to-cart" data-name="109 + F - Sketch"
data-price="254.6">Add to Cart</button></div>

</div>

<div class="items">

<div class="img img1">

</div>

<div class="name">Untitled</div>
<div class="price">$506</div>

```

```

<div class="info">
    Art by Sadamasa Motonaga
</div>
<nav>
    <a href="product_united(sadamasa_motonaga).html" style="padding-left: 10px;">More details</a>
</nav> <br>
<div class="ok"><button class="add-to-cart" data-name="Untitled(Sadamasa Motonaga)" data-price="506">Add to Cart</button></div>
</div>
<script src="https://unpkg.com/ionicons@4.5.10-0/dist/ionicons.js"></script>
<script src=".//ecommerce.js"></script>
<script>
    document.querySelectorAll('.add-to-cart').forEach(button => {
        button.addEventListener('click', addToCart);
    });

```

```

function addToCart() {
    const itemName = this.getAttribute('data-name');
    const itemPrice = parseFloat(this.getAttribute('data-price'));
    let cartItems = JSON.parse(localStorage.getItem('cartItems')) || [];

```

```

// Check if item is already in the cart
const existingItem = cartItems.find(item => item.name === itemName);

if (existingItem) {
    // If item already exists, increase its amount
    existingItem.amount++;
} else {
    // If item doesn't exist, add it to the cart
    cartItems.push({
        name: itemName,
        price: itemPrice,
        amount: 1
    });
}

// Store cart data in localStorage
localStorage.setItem('cartItems', JSON.stringify(cartItems));

}
</script>
</body>
</html>

```

v. Portfolio of Artists

```

<!DOCTYPE html>
<html>
<title>W3.CSS Template</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

```

```

<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}
</style>
<body class="w3-light-grey w3-content" style="max-width:1600px">

<!-- Sidebar/menu -->
<nav    class="w3-sidebar    w3-collapse    w3-white    w3-animate-left"    style="z-
index:3; width:300px;" id="mySidebar"><br>
<div class="w3-container">
<a href="#" onclick="w3_close()" class="w3-hide-large w3-right w3-jumbo w3-padding
w3-hover-grey" title="close menu">
<i class="fa fa-remove"></i>
</a>
<br><br>
<h4><b>Christina Beecher</b></h4>
</div>
<div class="w3-bar-block">
<a href="#portfolio" onclick="w3_close()" class="w3-bar-item w3-button w3-padding w3-
text-teal"><i class="fa fa-th-large fa-fw w3-margin-right"></i>PORTFOLIO</a>
<a href="#about" onclick="w3_close()" class="w3-bar-item w3-button w3-padding"><i
class="fa fa-user fa-fw w3-margin-right"></i>ABOUT</a>
<a href="#contact" onclick="w3_close()" class="w3-bar-item w3-button w3-padding"><i
class="fa fa-envelope fa-fw w3-margin-right"></i>CONTACT</a>
</div>
<div class="w3-panel w3-large">
<i class="fa fa-facebook-official w3-hover-opacity"></i>
<i class="fa fa-instagram w3-hover-opacity"></i>
<i class="fa fa-snapchat w3-hover-opacity"></i>
<i class="fa fa-pinterest-p w3-hover-opacity"></i>
<i class="fa fa-twitter w3-hover-opacity"></i>
<i class="fa fa-linkedin w3-hover-opacity"></i>
</div>
</nav>

```

```

<!-- Overlay effect when opening sidebar on small screens -->
<div class="w3-overlay w3-hide-large w3-animate-opacity" onclick="w3_close()" style="cursor:pointer" title="close side menu" id="myOverlay"></div>

<!-- !PAGE CONTENT! -->
<div class="w3-main" style="margin-left:300px">

<!-- Header -->
<header id="portfolio">
  <span class="w3-button w3-hide-large w3-xxlarge w3-hover-text-grey" onclick="w3_open()"><i class="fa fa-bars"></i></span>
  <div class="w3-container">
    <h1><b>Christina Beecher</b></h1>
    <div class="w3-section w3-bottombar w3-padding-16">
      <span class="w3-margin-right">Filter:</span>
      <button class="w3-button w3-black">ALL</button>
      <button class="w3-button w3-white"><i class="fa fa-diamond" w3-margin-right"></i>Design</button>
      <button class="w3-button w3-white w3-hide-small"><i class="fa fa-photo w3-margin-right"></i>Photos</button>
      <button class="w3-button w3-white w3-hide-small"><i class="fa fa-map-pin w3-margin-right"></i>Art</button>
    </div>
  </div>
</header>

<!-- First Photo Grid-->
<div class="w3-row-padding">
  <div class="w3-third w3-container w3-margin-bottom">
    
    <div class="w3-container w3-white">
      <p style="text-align: center;"><b>After Summer Rains Ink on Satin</b></p>
    </div>
  </div>
</div>

```

```
</div>

<div class="w3-third w3-container w3-margin-bottom">
    
        <div class="w3-container w3-white">
            <p style="text-align: center;"><b>Winter's Withdrawal</b></p>
        </div>
    </div>

<div class="w3-third w3-container">
    
        <div class="w3-container w3-white">
            <p style="text-align: center;"><b>Emerald Pasture</b></p>
        </div>
    </div>
</div>

<!-- Second Photo Grid-->
<div class="w3-row-padding">
    <div class="w3-third w3-container w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <p style="text-align: center;"><b>Misted</b></p>
        </div>
    </div>
    <div class="w3-third w3-container w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <p style="text-align: center;"><b>Sherborn Light</b></p>
        </div>
    </div>
    <div class="w3-third w3-container w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <p style="text-align: center;"><b>Misty Morning</b></p>
        </div>
    </div>
</div>
```

```


<div class="w3-container w3-white">
  <p style="text-align: center;"><b>Augusta</b></p>
</div>
</div>

<!-- Pagination -->
<div class="w3-center w3-padding-32">
<div class="w3-bar">
  <a href="#" class="w3-bar-item w3-button w3-hover-black"><</a>
  <a href="#" class="w3-bar-item w3-black w3-button">1</a>
  <a href="#" class="w3-bar-item w3-button w3-hover-black">2</a>
  <a href="#" class="w3-bar-item w3-button w3-hover-black">3</a>
  <a href="#" class="w3-bar-item w3-button w3-hover-black">4</a>
  <a href="#" class="w3-bar-item w3-button w3-hover-black">></a>
</div>
</div>

<!-- Images of Me -->
<div class="w3-row-padding w3-padding-16" id="about">
<div class="w3-col m6">
  

<div class="w3-container w3-padding-large" style="margin-bottom:32px">
<h4><b>About Artist</b></h4>
<p>After spending nearly 20 years in the design world, Christina changed artistic direction and began to paint. Awestruck by the landscape, she has come to study its ever-changing qualities that make it so unique -artist statement. Color, light and value are the elements I value most in my works. They serve as a backdrop to reinforce my compositions of my landscapes. Since my landscapes are not a true representation of any real place, but instead, of many places and from my own imagination, it is my hope that these visuals can lend themselves to an

```

awareness of one's sensibility in relation to the natural world. Besides working on her own work, she advises high school students as they apply for colleges, teaches private lessons in her home studio, and does workshops and demos for many organizations. Please inquire if you are interested in any of these things. She is also a member and a trustee of the Attleboro Arts Museum, where she does everything from painting walls to lighting exhibits. She is also a member of Oil Painters of America.</p>

<hr>

<!-- Contact Section -->

```

<div class="w3-container w3-padding-large w3-grey">
  <h4 id="contact"><b>Contact Artist</b></h4>
  <div class="w3-row-padding w3-center w3-padding-24" style="margin:0 -16px">
    <div class="w3-third w3-dark-grey">
      <p><i class="fa fa-envelope w3-xxlarge w3-text-light-grey"></i></p>
      <p>ChristinaBeecher@email.com</p>
    </div>
    <div class="w3-third w3-teal">
      <p><i class="fa fa-map-marker w3-xxlarge w3-text-light-grey"></i></p>
      <p>Chicago, US</p>
    </div>
    <div class="w3-third w3-dark-grey">
      <p><i class="fa fa-phone w3-xxlarge w3-text-light-grey"></i></p>
      <p>512312311</p>
    </div>
  </div>
  <hr class="w3-opacity">
  <form action="/action_page.php" target="_blank">
    <div class="w3-section">
      <label>Name</label>
      <input class="w3-input w3-border" type="text" name="Name" required>
    </div>
    <div class="w3-section">
      <label>Email</label>
      <input class="w3-input w3-border" type="text" name="Email" required>
    </div>
  </form>
</div>

```

```

</div>
<div class="w3-section">
  <label>Message</label>
  <input class="w3-input w3-border" type="text" name="Message" required>
</div>

  <button type="submit" class="w3-button w3-black w3-margin-bottom"><i class="fa fa-paper-plane w3-margin-right"></i>Send Message</button>
</form>
</div>

<!-- Footer -->
<footer class="w3-container w3-padding-32 w3-dark-grey">
<div class="w3-row-padding">
<div class="w3-third">
  <h3>FOOTER</h3>
  <p>The aim of art is to represent not the outward appearance of things, but their inward significance.</p>
</div>

<div class="w3-third">
  <h3>BLOG POSTS</h3>
  <ul class="w3-ul w3-hoverable">
    <li class="w3-padding-16">
      
      <span class="w3-large">Stowe house</span><br>
    </li>
    <li class="w3-padding-16">
      
      <span class="w3-large">fine arts</span><br>
    </li>
  </ul>
</div>
</div>

```

```

</ul>
</div>

<div class="w3-third">
  <h3>POPULAR TAGS</h3>
  <p>
    <span class="w3-tag w3-black w3-margin-bottom">Travel</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">New York</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">London</span>
    <span class="w3-tag w3-grey w3-small w3-margin-bottom">IKEA</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">NORWAY</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">DIY</span>
    <span class="w3-tag w3-grey w3-small w3-margin-bottom">Ideas</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">Baby</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">Family</span>
    <span class="w3-tag w3-grey w3-small w3-margin-bottom">News</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">Clothing</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">Shopping</span>
    <span class="w3-tag w3-grey w3-small w3-margin-bottom">Sports</span> <span class="w3-tag w3-grey w3-small w3-margin-bottom">Games</span>
  </p>
  </div>

</div>
</footer>

<!-- End page content -->
</div>

<script>
// Script to open and close sidebar
function w3_open() {
  document.getElementById("mySidebar").style.display = "block";
  document.getElementById("myOverlay").style.display = "block";
}

```

```
}
```

```
function w3_close() {
    document.getElementById("mySidebar").style.display = "none";
    document.getElementById("myOverlay").style.display = "none";
}

</script>
</body>
</html>
```

vi. Artists Page

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Your Webpage</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
            background-image: url('logo_cleanup.png');
        }
    
```

```
        h1 {
            color: #333;
            text-align: center;
            font-size: 50px;
        }
        header {
            background-color: #333;
            padding: 10px 0;
            background-image: url(logo_cleanup.png);
```

}

```
nav ul {  
list-style-type: none;  
margin: 0;  
padding: 0;  
}
```

```
nav ul li {  
display: inline;  
}
```

```
nav ul li a {  
color: #000000;  
text-decoration: none;  
padding: 0 10px;  
}
```

```
nav  
{  
text-align: right;  
}
```

```
.image-container {  
display: flex;  
justify-content: space-around;  
margin-bottom: 30px;  
}
```

```
.image-container div {  
text-align: center;  
transition: transform 0.3s ease-in-out;
```

```
width:80%;  
}  
  
.image-container img {  
    width: 80%;  
    height: 80%;  
    border-radius: 8px;  
    object-fit: cover;  
    border: 2px solid #ddd;  
    padding: 5px;  
    box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);  
}  
  
.image-container img:hover {  
    transform: scale(1.1); /* Scale up the image on hover */  
    background-color: #290f0f;  
}  
  
.image-name {  
    text-align: center;  
    margin-top: 15px;  
    font-size: 20px;  
    margin-left: 35px;  
}  
.button {  
    padding: 15px ;  
    font-size: 24px;  
    text-align: center;  
    cursor: pointer;  
}  
  
</style>  
</head>
```

```
<body>
  <header>
    <nav>
      <ul>
        <li><a href="Homepage.html">Home</a></li>

        <li><a href="projectwork.html">Artists</a></li>
        <li><a href="index.html">Arts</a></li>
        <li><a href="cart.html">Cart</a></li>
        <li><a href="contact.html">Contact</a></li>
      </ul>
    </nav>
  </header>
  <h1></h1>
  <div class="image-container">
    <div>
      
      <div class="image-name">Christina Beecher</div>
      <button class="btn"><a href="portfolio1.html">Profile</a></button>
    </div>
    <div>
      
      <div class="image-name">Arghavan Khosravi</div>
      <button class="btn"><a href="portfolio2.html">Profile</a></button>
    </div>
    <div>
      
      <div class="image-name">Jeff Wilson</div>
      <button class="btn"><a href="portfolio3.html">Profile</a></button>
    </div>
  </div>
```

```
</div>
</div>
<div class = "image-container">
<div>
    
    <div class="image-name">Katerina Apale</div>
    <button class="btn"><a href="portfolio4.html">Profile</a></button>

</div>
<div>
    
    <div class="image-name">Zann Hemphill</div>
    <button class="btn"><a href="portfolio5.html">Profile</a></button>

</div>
<div>
    
    <div class="image-name">Deb Chaney</div>
    <button class="btn"><a href="portfolio6.html">Profile</a></button>

</div>
</div>
<div class = "image-container">
<div>
    
    <div class="image-name">Motoko</div>
    <button class="btn"><a href="portfolio7.html">Profile</a></button>

</div>
<div>
    
    <div class="image-name">Jane Appleby</div>
```

```

<button class="btn"><a href="portfolio8.html">Profile</a></button>
</div>
<div>
    
    <div class="image-name">Anthony Daley</div>
    <button class="btn"><a href="Portfolio9.html">Profile</a></button>
</div>
</div>
</body>
</html>

```

vii. Product Page

```

<!doctype html>
<html>
    <head>
        <meta charset='utf-8'>
        <meta name='viewport' content='width=device-width, initial-scale=1'>
        <title>Snippet - BBBootstrap</title>
        <link
            href='https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css'
            rel='stylesheet'>
        <link
            href='https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css'
            rel='stylesheet'>
        <script
            type='text/javascript'
            src='https://cdnjs.cloudflare.com/ajax/libs/jquery/2.2.4/jquery.min.js'></script>
        <style>
            @import
            url("https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700
            ;800&display=swap");
        body {
            background-color: #eee;
            font-family: "Poppins", sans-serif
        }
        .card {

```

```
background-color: #fff;  
padding: 14px;  
border: none  
}  
  
#lightSlider li{}
```

```
.demo {  
width: 100%  
}  
  
ul {  
list-style: none outside none;  
padding-left: 0;  
margin-bottom: 0  
}
```

```
li {  
display: block;  
float: left;  
margin-right: 6px;  
cursor: pointer  
}
```

```
img {  
display: block;  
height: auto;  
width: 100%  
}
```

```
.stars i {  
color: #f6d151  
}
```

```
.stars span {  
    font-size: 13px  
}
```

```
hr {  
    color: #d4d4d4  
}
```

```
.badge {  
    padding: 5px !important;  
    padding-bottom: 6px !important  
}
```

```
.badge i {  
    font-size: 10px  
}
```

```
.profile-image {  
    width: 35px  
}
```

```
.comment-ratings i {  
    font-size: 13px  
}
```

```
.username {  
    font-size: 12px  
}
```

```
.comment-profile {  
    line-height: 17px  
}
```

}

```
.date span {  
    font-size: 12px  
}
```

```
.p-ratings i {  
    color: #f6d151;  
    font-size: 12px  
}
```

```
.btn-long {  
    padding-left: 35px;  
    padding-right: 35px  
}
```

```
.buttons {  
    margin-top: 15px  
}
```

```
.buttons .btn {  
    height: 46px  
}
```

```
.buttons .cart {  
    border-color: #ff7676;  
    color: #ff7676  
}
```

```
.buttons .cart:hover {  
    background-color: #e86464 !important;  
    color: #fff
```

```
}
```

```
.buttons .buy {  
    color: #fff;  
    background-color: #ff7676;  
    border-color: #ff7676  
}
```

```
.buttons .buy:focus,  
.buy:active {  
    color: #fff;  
    background-color: #ff7676;  
    border-color: #ff7676;  
    box-shadow: none  
}
```

```
.buttons .buy:hover {  
    color: #fff;  
    background-color: #e86464;  
    border-color: #e86464  
}
```

```
.buttons .wishlist {  
    background-color: #fff;  
    border-color: #ff7676  
}
```

```
.buttons .wishlist:hover {  
    background-color: #e86464;  
    border-color: #e86464;  
    color: #fff  
}
```

```
.buttons .wishlist:hover i {  
    color: #fff  
}  
}
```

```
.buttons .wishlist i {  
    color: #ff7676  
}  
}
```

```
.comment-ratings i {  
    color: #f6d151  
}  
}
```

```
.followers {  
    font-size: 9px;  
    color: #d6d4d4  
}  
}
```

```
.store-image {  
    width: 42px  
}  
}
```

```
.dot {  
    height: 10px;  
    width: 10px;  
    background-color: #bbb;  
    border-radius: 50%;  
    display: inline-block;  
    margin-right: 5px  
}  
}
```

```
.bullet-text {
```

```
font-size: 12px  
}  
  
.my-color {  
    margin-top: 10px;  
    margin-bottom: 10px  
}  
  
label.radio {  
    cursor: pointer  
}  
  
label.radio input {  
    position: absolute;  
    top: 0;  
    left: 0;  
    visibility: hidden;  
    pointer-events: none  
}  
  
label.radio span {  
    border: 2px solid #8f37aa;  
    display: inline-block;  
    color: #8f37aa;  
    border-radius: 50%;  
    width: 25px;  
    height: 25px;  
    text-transform: uppercase;  
    transition: 0.5s all  
}  
  
label.radio .red {
```

```
background-color: red;  
border-color: red  
}
```

```
label.radio .blue {  
background-color: blue;  
border-color: blue  
}
```

```
label.radio .green {  
background-color: green;  
border-color: green  
}
```

```
label.radio .orange {  
background-color: orange;  
border-color: orange  
}
```

```
label.radio input:checked+span {  
color: #fff;  
position: relative  
}
```

```
label.radio input:checked+span::before {  
opacity: 1;  
content: '\2713';  
position: absolute;  
font-size: 13px;  
font-weight: bold;  
left: 4px  
}
```

```

.card-body {
  padding: 0.3rem 0.3rem 0.2rem
}

</style>
</head>

<body oncontextmenu='return false' class='snippet-body'>
  <link href='https://sachinchoolur.github.io/lightslider/dist/css/lightslider.css' rel='stylesheet'>
<div class="container-fluid mt-2 mb-3">
  <div class="row no-gutters">
    <div class="col-md-5 pr-2">
      <div class="card">
        <div class="demo">
          <ul id="lightSlider">
            <li data-thumb="11.png"></li>
            <li data-thumb="frame1.jpeg"></li>
            <li data-thumb="frame5.jpg"></li>
            <li data-thumb="frame7.jpg"></li>
            <li data-thumb="frame8.jpeg"></li>
            <li data-thumb="fram3.avif"></li>
          </ul>
        </div>
      </div>
    </div>
    <div class="card mt-2">
      <h6>Reviews</h6>
      <div class="d-flex flex-row">
        <div class="stars"> <i class="fa fa-star"></i> </div> <span class="ml-1 font-weight-bold">4.6</span>
      </div>
    </div>
  </div>
</body>

```

```

<hr>

<div class="badges"> <span class="badge bg-dark ">All (230)</span> <span
class="badge bg-dark "><i class="fa fa-image"></i> 23 </span> <span class="badge bg-dark
"> <i class="fa fa-comments-o"></i> 23 </span> <span class="badge bg-warning"> <i
class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-
star"></i> <span class="ml-1">2,123</span> </span> </div>

<hr>

<div class="comment-section">

<div class="d-flex justify-content-between align-items-center">

<div class="d-flex flex-row align-items-center"> 

<div class="d-flex flex-column ml-1 comment-profile">

<div class="comment-ratings"><i class="fa fa-star"></i> <i class="fa fa-
star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> </div> <span
class="username">Lori Benneth</span>

</div>

</div>

<div class="date"> <span class="text-muted">2 May</span> </div>

</div>

<hr>

<div class="d-flex justify-content-between align-items-center">

<div class="d-flex flex-row align-items-center"> 

<div class="d-flex flex-column ml-1 comment-profile">

<div class="comment-ratings"><i class="fa fa-star"></i> <i class="fa fa-
star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> </div> <span
class="username">Timona Simaung</span>

</div>

</div>

<div class="date"> <span class="text-muted">12 May</span> </div>

</div>

</div>

</div>

<div class="col-md-7">

<div class="card">

```

```

<div class="d-flex flex-row align-items-center">
    <div class="p-ratings"> <i class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> </div> <span class="ml-1">5.0</span>
</div>

<div class="about"> <span class="font-weight-bold">'Gaagal'- Ocean </span>
    <h4 class="font-weight-bold">$350</h4>
</div>

<div class="buttons"> <button class="btn btn-outline-warning btn-long cart">Add to Cart</button> <button class="btn btn-warning btn-long buy">Buy it Now</button> <button class="btn btn-light wishlist"> <i class="fa fa-heart"></i> </button> </div>
<hr>

<div class="product-description">
    <div><span class="font-weight-bold">Color:</span><span> blue</span></div>
    <div class="my-color"> <label class="radio"> <input type="radio" name="gender" value="MALE" checked> <span class="red"></span> </label> <label class="radio"> <input type="radio" name="gender" value="FEMALE"> <span class="blue"></span> </label> <label class="radio"> <input type="radio" name="gender" value="FEMALE"> <span class="green"></span> </label> <label class="radio"> <input type="radio" name="gender" value="FEMALE"> <span class="orange"></span> </label> </div>
    <div class="d-flex flex-row align-items-center"> <i class="fa fa-calendar-check-o"></i> <span class="ml-1">Delivery from sweden, 15-45 days</span> </div>
    <div class="mt-2"> <span class="font-weight-bold">Description</span>
        <p>Materials-
            Acrylic on stretched canvas <br>
            Size-
            35 4/5 × 46 1/2 × 2 in | 91 × 118 × 5 cm <br>
            Rarity-
            Unique <br>
            Medium-
            Painting <br>
            Signature-
            Hand-signed by artist <br>
            Certificate of authenticity-
        </p>
    </div>
</div>

```

Included (issued by gallery)

Frame-

included(Cost:\$40)

Series-

'Gaagal' - Ocean</p>

```
<div class="bullets">
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">Best in Quality</span> </div>
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">Impressionism</span> </div>
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">Performance Art</span> </div>
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">Abstract Expressionism</span> </div>
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">High gloss, high style</span> </div>
    <div class="d-flex align-items-center"> <span class="dot"></span> <span class="bullet-text">Cubism</span> </div>
</div>
</div>
<div class="mt-2"> <span class="font-weight-bold">Store</span> </div>
<div class="d-flex flex-row align-items-center" style="background-color: #f0f0f0; padding: 10px; border-radius: 10px; margin-bottom: 10px;">
    
    <div class="d-flex flex-column ml-1 comment-profile">
        <div class="comment-ratings"> <i class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> <i class="fa fa-star"></i> </div>
        <span class="username">Rare Boutique</span> <small class="followers">25K Followers</small>
    </div>
</div>
</div>
<div class="card mt-2"> <span>Similar items:</span>
<div class="similar-products mt-2 d-flex flex-row">
    <div class="card border p-1" style="width: 9rem; margin-right: 3px;"> 
        <div class="card-body">

```

```
<h6 class="card-title">$1,999</h6>
</div>
</div>

<div class="card border p-1" style="width: 9rem; margin-right: 3px;"> 
<div class="card-body">
<h6 class="card-title">$1,699</h6>
</div>
</div>

<div class="card border p-1" style="width: 9rem; margin-right: 3px;"> 
<div class="card-body">
<h6 class="card-title">$2,999</h6>
</div>
</div>

<div class="card border p-1" style="width: 9rem; margin-right: 3px;"> 
<div class="card-body">
<h6 class="card-title">$3,999</h6>
</div>
</div>

<div class="card border p-1" style="width: 9rem;"> 
<div class="card-body">
<h6 class="card-title">$999</h6>
</div>
</div>
</div>
</div>
</div>

<script src='https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/jquery.min.js'></script>
```

```

<script src='https://sachinchoolur.github.io/lightSlider/dist/js/lightSlider.js'></script>
<script>

</script>
<script type='text/javascript' src='https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js'></script>
<script type='text/javascript' src='></script>
<script type='text/javascript' src='></script>
<script type='text/Javascript'></script>
<script>
    $('#lightSlider').lightSlider({
        gallery: true,
        item: 1,
        loop: true,
        slideMargin: 0,
        thumbItem: 6
    });
</script>
<script>
    document.querySelectorAll('.cart').forEach(button => {
        button.addEventListener('click', addToCart);
    });

    function addToCart() {
        const itemName = document.querySelector('.about span.font-weight-bold').innerText;
        const itemPrice = parseFloat(document.querySelector('.about h4').innerText.substring(1));
        let cartItems = JSON.parse(localStorage.getItem('cartItems')) || [];

        // Check if item is already in the cart
        const existingItem = cartItems.find(item => item.name === itemName);

```

```

if (existingItem) {
    // If item already exists, increase its amount
    existingItem.amount++;
} else {
    // If item doesn't exist, add it to the cart
    cartItems.push({
        name: itemName,
        price: itemPrice,
        amount: 1
    });
}

// Store cart data in localStorage
localStorage.setItem('cartItems', JSON.stringify(cartItems));

// Redirect to cart HTML page
window.location.href = "cart.html";
}
</script>
</body>
</html>

```

viii. Cart Page

```

<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Cart</title>
    <style>
        /* Styles for the cart */
        #cart {
            border: 1px solid #ccc;

```

```
padding: 10px;  
margin-bottom: 10px;  
}  
  
/* Styles for the items */  
table {  
width: 100%;  
border-collapse: collapse;  
}  
header {  
background-color: #333;  
padding: 10px 0;  
background-image: url(logo_cleanup.png);  
color: #fff;  
}  
  
nav ul {  
list-style-type: none;  
margin: 0;  
padding: 0;  
}  
  
nav ul li {  
display: inline;  
}  
  
nav ul li a {  
color: #050505;  
text-decoration: none;  
padding: 0 10px;  
}
```

```

nav {
    text-align: right;
}

th, td {
    padding: 8px;
    text-align: left;
    border-bottom: 1px solid #ddd;
}

/* Styles for the delete button */
.delete-btn {
    cursor: pointer;
}

body {
    background-image: url(logo_cleanup.png);
    background-repeat: no-repeat; /* Prevent image repetition */
    background-size: cover; /* Cover the entire viewport */
}

</style>
</head>
<body>
    <header>
        <marquee behavior="alternate" scrollamount="15" style="font-size: 24px;color:#050505;">Art Expo</marquee>
        <nav>
            <ul>
                <li><a href="Homepage.html" >Home</a></li>

                <li><a href="projectwork.html">Artists</a></li>
                <li><a href="index.html">Arts</a></li>
            
        
    

```

```

<li><a href="cart.html">Cart</a></li>
<li><a href="contact.html">Contact</a></li>
</ul>
</nav>
</header>

<div id="cart">
<h1>Cart</h1>
<table id="cart-items">
<thead>
<tr>
<th>Name</th>
<th>Number of products</th>
<th>Price</th>
<th>Action</th>
</tr>
</thead>
<tbody></tbody>
</table>
<p>Total: $<span id="cart-total">0</span></p>
<button id="buy-button">Buy</button>
</div>

<script>
// Retrieve cart data from localStorage
let cartItems = JSON.parse(localStorage.getItem('cartItems')) || [];
const cartItemsTable = document.getElementById('cart-items').getElementsByTagName('tbody')[0];
const cartTotal = document.getElementById('cart-total');
const buyButton = document.getElementById('buy-button');

// Function to update the cart

```

```

function updateCart() {
    // Clear previous items
    cartItemsTable.innerHTML = "";

    // Update items in the cart
    cartItems.forEach(item => {
        const tr = document.createElement('tr');

        // Create name cell
        const nameCell = document.createElement('td');
        nameCell.textContent = item.name;
        tr.appendChild(nameCell);

        // Create amount cell
        const amountCell = document.createElement('td');
        amountCell.textContent = item.amount;
        tr.appendChild(amountCell);

        // Create price cell
        const priceCell = document.createElement('td');
        const itemPrice = item.price * item.amount;
        priceCell.textContent = `$$ ${itemPrice.toFixed(2)}`;
        tr.appendChild(priceCell);

        // Create action cell
        const actionCell = document.createElement('td');
        // Create a link to navigate to the product page
        const navigateLink = document.createElement('a');
        navigateLink.textContent = 'View Product';
        navigateLink.href = `product_${item.name.toLowerCase().replace(/\s/g, '_')}.html`;
        // Assuming each product page is named "product_itemname.html"
        actionCell.appendChild(navigateLink);
    });
}

```

```

// Add a separator between the link and delete button
actionCell.appendChild(document.createTextNode(' | '));

// Create a delete button to remove the item from the cart
const deleteButton = document.createElement('span');

deleteButton.textContent = 'X';
deleteButton.className = 'delete-btn';
deleteButton.addEventListener('click', () => {
    // Remove item from cart
    cartItems = cartItems.filter(cartItem => cartItem.name !== item.name);
    // Update localStorage
    localStorage.setItem('cartItems', JSON.stringify(cartItems));
    // Update cart display
    updateCart();
});

actionCell.appendChild(deleteButton);
tr.appendChild(actionCell);

cartItemsTable.appendChild(tr);
});

// Calculate total
const total = cartItems.reduce((acc, item) => acc + (item.price * item.amount), 0);
cartTotal.textContent = total.toFixed(2);
}

// Update the cart initially
updateCart();

// Buy button functionality
buyButton.addEventListener('click', function() {
if (cartItems.length > 0) {
    alert('Thank you for your purchase! Delivery will be soon.');
}

```

```

    } else {
        alert('Nothing is left in the cart.');
    }
});

</script>
</body>
</html>

```

ix. Contact page

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>CONTACT US</title>
    <link rel="shortcut icon" href="assets/images/favicon.png">
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.1/css/all.min.css" integrity="sha512-9my9Mb2+0YO+i4PUCSwUYO7sEK21Y0STBAiFEYoWtd2VzLEZZ4QARDrZ30hdM1G1ioHJ8o8cWQiy8IAb1hy/Hg==" crossorigin="anonymous" />
    <link rel="stylesheet" href="style1.css" type="text/css">
    <script src="https://cdn.jsdelivr.net/npm/emailjs-com@2/dist/email.min.js">
    </script>
    <script>
        (function () {
            emailjs.init("user_UCxsFe2CkXh4w1HrWICfK");

```

```

});()

</script>

<style>
body{
    background-image: url('bacgrnd.jpg');
}
</style>

</head>

<body>

<section class="contact-background-image">

<div class="container header-nav">

<nav class="navbar navbar-expand-lg navbar-light bg-transparent">
    <a class="navbar-brand" href="Homepage.html"></a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
        aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav mr-auto">
            <li class="nav-item">
                <a class="nav-link" id="contact-page" href="contact.html">CONTACT
                <span
                    class="sr-only">(current)</span></a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="Homepage.html">Home</a>
            </li>
        </ul>
    </div>
</div>

```

```

<div>
    <ul class="navbar-nav ml-auto">
        <li class="cart">
            <a href="cart.html"><i class="fas fa-cart-arrow-down fa-lg"></i><span
            class="cart-number">
                </span></a>
            </li>
        </ul>
    </div>
</nav>
</div>

<div class="container-contactDetail">
    <div class="contact-info" style="color: white;">
        <div><i class="fa fa-envelope" aria-hidden="true"></i>keerthanna1212@gmail.com</div>
        <div><i class="fa fa-envelope" aria-hidden="true"></i>kasturideekshitha@gmail.com</div>
        <div><i class="fa fa-envelope" aria-hidden="true"></i>dommarajuhndavi@gmail.com</div>
        <div><i class="fa fa-phone-square" aria-hidden="true"></i>93929555355</div>
        <div><i class="fa fa-map" aria-hidden="true"></i>Hyderabad,India</div>
    </div>
    <div class="contact-title-text">
        <h2 style="color: white;">Contact Us</h2>
        <form action="db.php" method="POST" onsubmit="return sendMail(this);">
            <input type="text" class="text-box-1" name="name" id="name"
            placeholder="Full Name" required>
            <input type="email" class="text-box-2" name="emailaddress" id="emailaddress"
            placeholder="Email Address" required>
            <textarea rows="5" name="coffeerequest" placeholder="Your message to us"
            required></textarea>
            <button type="submit" name="submit" class="submit-btn" id="submit">Submit
            Your Request</button>
        </form>
    </div>
</div>

```

```

        </div>
    </div>
</section>

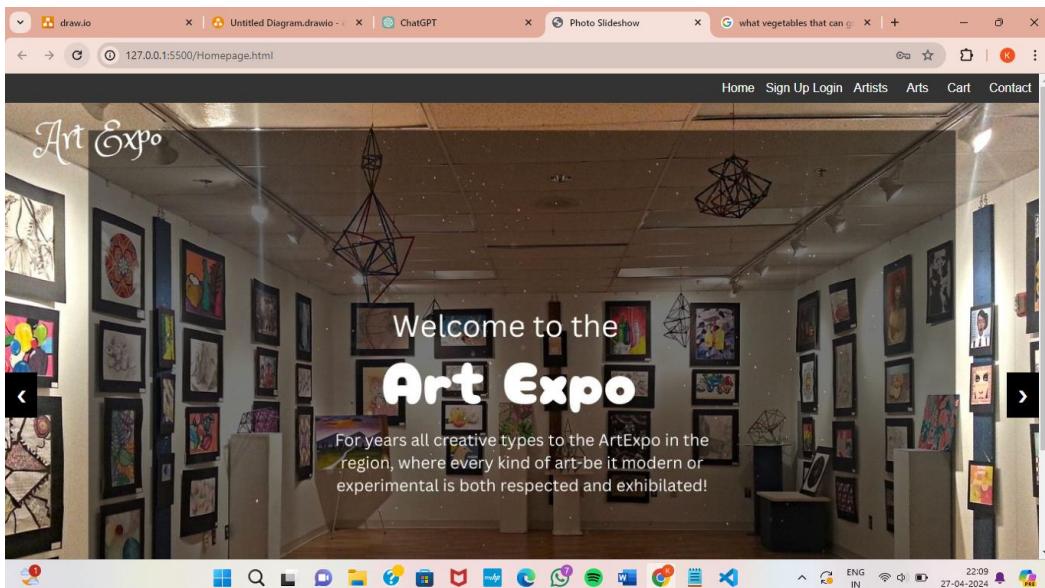
<script src="script.js"></script>
<script src="sendemail.js"></script>
<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.15.0/umd/popper.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
</body>
</html>

```

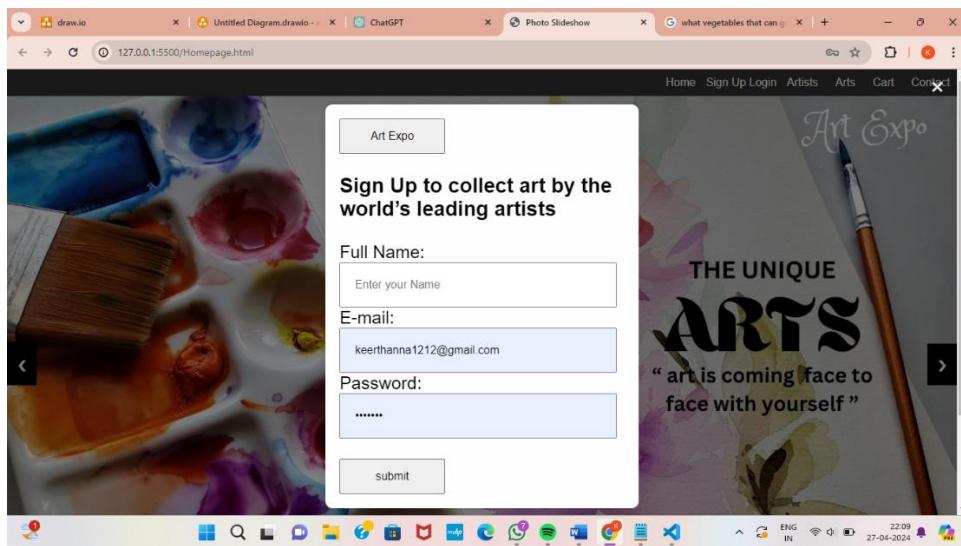
6.2 Results

i. Home Page

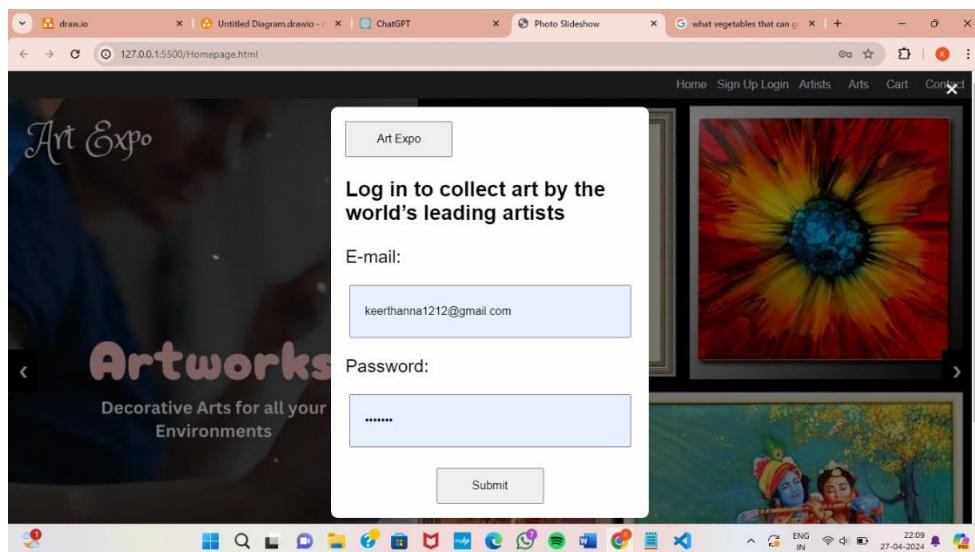
This is the page where you can find arts artworks and how to purchase the products.



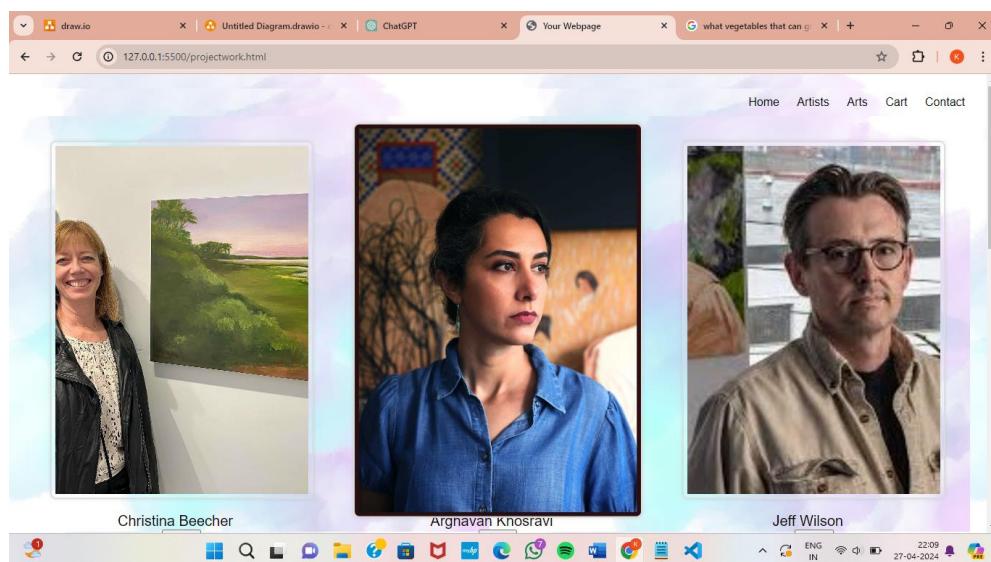
ii.Sign Up Page



iii. Login Page



iv. Artists Page



v. Artists Profile Page

Christina Beecher

- [PORTFOLIO](#)
- [ABOUT](#)
- [CONTACT](#)
- [Facebook](#) [Twitter](#) [Instagram](#) [Pinterest](#) [LinkedIn](#)

About Artist

After spending nearly 20 years in the design world, Christina changed artistic direction and began to paint. Awestruck by the landscape, she has come to study its ever-changing qualities that make it so unique - artist statement. Color, light and value are the elements I value most in my works. They serve as a backdrop to reinforce my compositions of my landscapes. Since my landscapes are not a true representation of any real place, but instead, of many places and from my own imagination, it is my hope that these visuals can lend themselves to an awareness of one's sensibility in relation to the natural world. Besides working on her own work, she advises high school students as they apply for colleges, teaches private lessons in her home studio, and does workshops and demos for many organizations. Please inquire if you are interested in any of these things. She is also a member and a trustee of the Attleboro Arts Museum, where she does everything from painting walls to lighting exhibits. She is also a member of Oil Painters of America.

vi. Artworks Page

\$500 Art by Elaine de Kooning More details	\$600.34 Art by Billy Al Bengtson More details	\$900 Art by Atsuka Tanaka More details	\$945.1 Art by Sadaharu Horo More details
\$200 Art by Tomas Sanchez More details	\$180 Art by Zao Wou-Ki More details	\$645.7 Art By Richard Tinkler More details	\$100 Art By Zak Ove More details

vii. Art Product Page

★★★★★ 5.0
Work
\$3,444

[Add to Cart](#) [Buy It Now](#) [Heart](#)

Color: blue

Delivery from sweden, 15-45 days

Description
Materials- Vinyl paint on canvas
Size- 35 4/5 x 28 7/10 in | 91 x 73 cm
Rarity- Unique
Medium- Painting

Best in Quality
 Impressionism
 Performance Art
 Abstract Expressionism
 High gloss, high style
 Cubism

Store **Rare Boutique**

viii. Cart Page

The screenshot shows a browser window with multiple tabs open. The active tab is 'Cart' at the URL '127.0.0.1:5500/cart.html'. A modal dialog box in the center says '127.0.0.1:5500 says Thank you for your purchase! Delivery will be soon.' with an 'OK' button. The main content area is titled 'Cart' and lists four products:

Name	Number of products	Price	Action
Untitled(Elaine de Kooning)	12	\$6000.00	View Product
LA 1984	8	\$4802.72	View Product
109 + F - Sketch	1	\$254.60	View Product
Work	1	\$3.00	View Product

Total: \$11060.32

[Buy](#)

The browser's address bar shows 'what vegetables that can'. The taskbar at the bottom includes icons for various applications like ChatGPT, Microsoft Word, and Microsoft Excel.

ix. Contact Page

The screenshot shows a browser window with multiple tabs open. The active tab is 'CONTACT US' at the URL '127.0.0.1:5500/contact.html'. The page has a dark background with a paintbrushes theme. On the left, there is a list of contact details:

- keerthanna1212@gmail.com
- kasturideekshitha@gmail.com
- dommarajuhydavi@gmail.com
- [93929555355](tel:93929555355)

In the center, there is a 'Contact Us' section with input fields for 'Full Name', 'Email Address', and a large text area for 'Your message to us'. A yellow 'SUBMIT YOUR REQUEST' button is at the bottom right. The top navigation bar has 'CONTACT' and 'Home' links. The browser's address bar shows 'what vegetables that can'. The taskbar at the bottom includes icons for various applications like ChatGPT, Microsoft Word, and Microsoft Excel.

CHAPTER-7

CONCLUSION AND FUTURE WORK

7.1 Conclusion

In conclusion, the development of an arts expo using HTML, JavaScript, and CSS offers a robust solution for organizing, promoting, and enhancing the efficiency of artistic endeavors. Through seamless integration of user-friendly interfaces, interactive features, and efficient data management, such a system empowers artists, organizers, and patrons alike to streamline operations, foster community engagement, and amplify the impact of artistic initiatives. From simplified event scheduling and ticketing to dynamic content presentation and audience interaction, this comprehensive approach not only facilitates the management of artistic projects but also cultivates a vibrant ecosystem where creativity flourishes and cultural experiences thrive.

7.2 Future Work

In future iterations, enhancing the arts expo could involve several avenues of development. One area of focus could be further refining the user interface for optimal accessibility and intuitiveness, ensuring seamless navigation and interaction across various devices and platforms. Additionally, integrating advanced analytics and reporting functionalities could provide valuable insights into audience demographics, engagement metrics, and performance trends, enabling informed decision-making and targeted marketing strategies. Furthermore, exploring opportunities to incorporate emerging technologies such as augmented reality (AR) or virtual reality (VR) could revolutionize the way users experience and interact with artistic content, fostering immersive and unforgettable experiences. Lastly, continued collaboration with stakeholders, including artists, organizers, and patrons, will be crucial for identifying evolving needs and opportunities for innovation, ensuring that the arts management system remains at the forefront of supporting and enhancing the creative ecosystem.